

SYMYX NOTEBOOK BY ACCELRYS FOR BIOLOGISTS

A single, enterprise electronic laboratory notebook (ELN) that is adaptable to meet the needs of many scientific disciplines including biology—giving scientists the freedom to focus on science in a collaborative electronic lab environment.

Symyx Notebook by Accelrys streamlines the capture and re-use of biological protocols and experimental data in a wide range of biology domains and integrates with biology software applications and instrumentation. Using configurable forms and templates, biologists can consistently capture experimental information in a central, easily shareable notebook. Full text searching of both documents and embedded files—even form fields and annotations in images—enables biologists to explore information within and across experiments. A single notebook deployed across global, diversified research teams saves time, lowers costs, enhances collaboration and accelerates productivity.

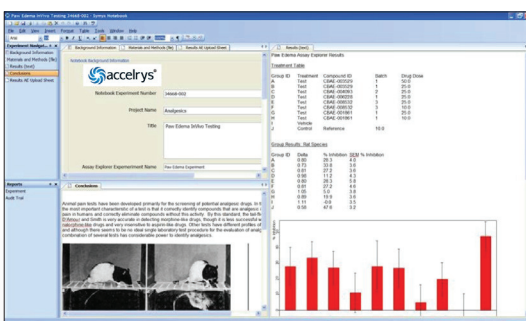


Figure 1: Load experiment reports from a Biology Data Management System such as Accelrys Assay Explorer; capture observations in real time as you record the results; annotate and summarize results; make decisions based on all parameters (whether recorded, processed or observed).

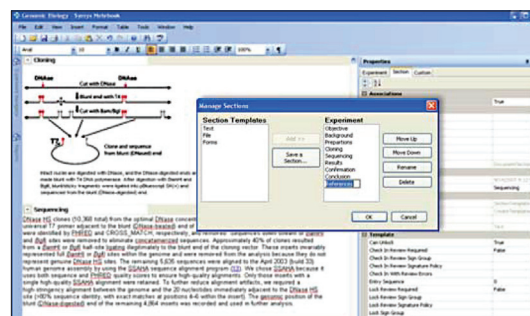


Figure 2: Create custom templates to capture the full context of a biology experiment including title, objective, background, materials, experiment results, experiment data, and conclusion. Rapidly drag and drop files into the Notebook. “Clone” prior work based on the templates created and their associated properties. Selectable template properties define the sections and data that are capable of cloning.

AN ENTERPRISE, MULTI-DISCIPLINE LABORATORY NOTEBOOK

The Notebook offers capabilities for handling text, data and forms required to plan, record, analyze and report biological research—including *in vivo* and *in vitro* studies capturing biologics, target identification/validation, assay development, screening, drug metabolism/pharmacokinetics (DMPK), toxicology and bio-analytical experimentation.

IMPROVED CONSISTENCY ACROSS EXPERIMENTS

Easily create experiment sections and workflows, e.g., animal or plate requests, and “clone” all or part of an experiment, with or without related data. The ability to reuse successful document procedures and capture data consistently across research domains improves efficiency, productivity and decision making.

SUPPORT FOR REGULATED AND NON-REGULATED ENVIRONMENTS

Consolidates biology project data into fully versioned, shareable and searchable documents controlled by customizable workflows. Secure versioning, electronic signatures and audit trails support work in 21 CFR 11 and Good Practice (GxP) environments.

FLEXIBLE EXPERIMENT EDITING AND DISPLAY

Rapidly drag and drop files and images into experiments. Open files and images in native applications and annotate images. Depending on your needs, scroll through an experiment in a single, continuous view, or select tabbed views in floating, docking windows.

SUPERIOR SEARCHING AND BROWSING

Create your own data-entry forms or tables and collect data that is indexed and searchable. Full-text searching of documents, embedded files, and image annotations facilitates the retrieval and re-use of experimental data. Create custom indexing and search/browse capabilities using the Software Developer Kit.

CONFIGURABLE TABLES

Capture animal species, body weights, dates, doses, responses, etc. in easily configurable tables by entering data manually, capturing data directly from lab balances or using the notebook's auto-fill capability. Easily customize data views (e.g., filter, group, sort, etc.) and integrate useful calculations into tables.

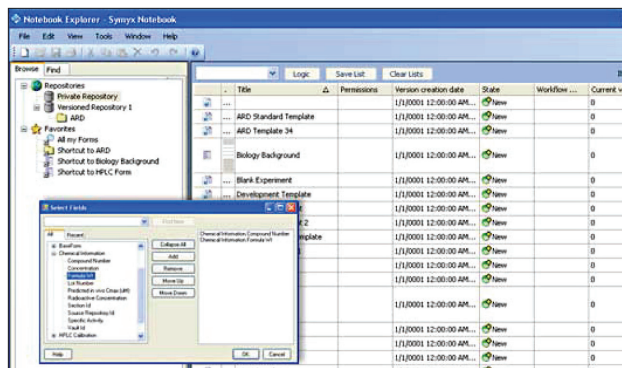


Figure 3: Quickly retrieve experimental data based on full-text searching of documents, embedded files and image annotations from private and public repositories. Work more effectively by accessing saved queries, lists and shortcuts.

INTEGRATION WITH BALANCE EQUIPMENT

Speed up high volume sample analysis by sending weights directly to the notebook from laboratory balances. Run daily balance checks and update instrument status on-the-fly. Integrate additional lab equipment using the Software Developer Kit.

INTEGRATION WITH EXISTING APPLICATIONS

Improve the collection, analysis, and reporting of biological results through integration with Accelrys Assay Explorer® biology data management software, and third-party applications such as spreadsheets, statistical analysis packages, PK/PD modeling and data visualization tools and scientific data management software.

TAILORED REPORTING

Take advantage of configurable, out-of-the-box reporting templates, or use the Software Developer Kit to create unique reports supporting proprietary, regulated or non-regulated activities.

To learn more about Symyx Notebook by Accelrys, go to accelrys.com/eln